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DIALOG(R) File 351:DERWENT WPI  
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WPI Acc No: 1995-208022/199528

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Transmission of digital signals in ATM communication networks - has ATM cells organised in number of fields such that processing time is acceptable

Patent Assignee: SIEMENS AG (SIEI )

Inventor: FUNDNEIDER O; LUTZ K A; LOEBIG N; LUTZ K

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4343720	C1	19950614	DE 4343720	A	19931221	199528 B
EP 664630	A2	19950726	EP 94120227	A	19941220	199534
CA 2138450	A	19950622	CA 2138450	A	19941219	199538
JP 7202912	A	19950804	JP 94317260	A	19941220	199540
US 5581551	A	19961203	US 94360629	A	19941221	199703
			US 95407380	A	19950320	

Priority Applications (No Type Date): DE 4343720 A 19931221

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4343720	C1		9	H04J-003/24	
EP 664630	A2	G	10	H04L-012/64	
JP 7202912	A		6	H04L-012/28	
US 5581551	A		9	H04J-003/02	Cont of application US 94360629
CA 2138450	A			H04L-012/54	

Abstract (Basic): DE 4343720 C

An asynchronous transfer mode, ATM, communication system has a coupling field (ASN) as the basis of an ATM node. Each node has inputs for packeting stages (PAK) that connect with communication lines. Outputs are generated by stages that reverse the process (DPAK). The ATM cells are arranged in 24 fields each handling two octets that allows the time for forming the information packets to be reduced to an acceptable level.

USE/ADVANTAGE - Reduced data handling time. Used for speech data.

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Title Terms: TRANSMISSION; DIGITAL; SIGNAL; ATM; COMMUNICATE; NETWORK; ATM; CELL; ORGANISE; NUMBER; FIELD; PROCESS; TIME; ACCEPT

Derwent Class: W01; W02

International Patent Class (Main): H04J-003/02; H04J-003/24; H04L-012/28; H04L-012/54; H04L-012/64

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File Segment: EPI

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